

**Exercise 1** For each function, select all zeros of the given function.

(a) Let  $f$  be a function defined by  $f(x) = 3x - 5$ . Select all zeros of  $f$ .

**Select All Correct Answers:**

- (i)  $\frac{1}{3}$
- (ii)  $\frac{3}{5}$
- (iii) 1
- (iv)  $\frac{5}{3}$  ✓

(b) Let  $g$  be a function defined by  $g(x) = 5 - x$ . Select all zeros of  $g$ .

**Select All Correct Answers:**

- (i) 1
- (ii) 4
- (iii) 5 ✓
- (iv)  $-5$

(c) Let  $h$  be a function defined by  $h(x) = \frac{2-x}{3}$ . Select all zeros of  $h$ .

**Select All Correct Answers:**

- (i)  $\frac{2}{3}$
  - (ii)  $\frac{3}{2}$
  - (iii) 3
  - (iv) 2 ✓
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